Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	433	white-david-$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 17:58
S2	56	white-david-c$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:32
S3	125	mott-philip-$.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:33
S4	16	"4953531"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:15
S5	7767	(shaft or rotor) near3 (mount$3 or affix$3 or connect$3) with (permanent$2 or irreversibl$1 or non$1reversibl$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:22
S6	5314	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 11:36
S7	13	((shaft or rotor) near3 (mount$3 or affix$3 or connect$3) with (permanent$2 or irreversibl$1 or non$1reversibl$1)) and 123/90. 15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:18
S8	21	(camshaft) near3 (mount$3 or affix$3 or connect$3) with (permanent$2 or irreversibl$1 or non$1reversibl$1)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:20
S9	7	123/90.15-90.18,90.27,90.31.ccls. and ((camshaft) near3 (mount$3 or affix$3 or connect$3) with (permanent$2 or irreversibl$1 or non$1reversibl$1))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:21
S10	73970	(cam$1shaft or shaft or rotor) near3 (mount$3 or affix$3 or connect$3) with (press$3 or spline$1 or braz$3 or ballizing or swag$3 or machin$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:23
S11	390	123/90.15-90.18,90.27,90.31.ccls. and ((cam$1shaft or shaft or rotor) near3 (mount$3 or affix$3 or connect$3) with (press$3 or spline$1 or braz$3 or ballizing or swag$3 or machin$3))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:24

S12	243	(123/90.15-90.18,90.27,90.31.ccls. and ((cam$1shaft or shaft or rotor) near3 (mount$3 or affix$3 or connect$3) with (press$3 or spline$1 or braz$3 or ballizing or swag$3 or machin$3))) and 123/90. 17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:24
S13	14	((123/90.15-90.18,90.27,90.31.ccls. and ((cam$1shaft or shaft or rotor) near3 (mount$3 or affix$3 or connect$3) with (press$3 or spline$1 or braz$3 or ballizing or swag$3 or machin$3))) and 123/90. 17.ccls.) and phaser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:29
S14	1748	123/90.17.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:29
S15	93	123/90.17.ccls. and phaser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:34
S16	0	(123/90.17.ccls. and phaser) and ballizing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:36
S17	0	(123/90.17.ccls. and phaser) and braz$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:35
S18	0	(123/90.17.ccls. and phaser) and swag$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:35
S19	2	(123/90.17.ccls. and phaser) and pressing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:35
S20	17	(123/90.17.ccls. and phaser) and machining	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:31
S21	12	(123/90.17.ccls. and phaser) and machining with (cam$1shaft or rotor or shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:35
S22	127	123/90.15-90.18,90.27,90.31.ccls. and phaser	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:34

S23	34	(123/90.15-90.18,90.27,90.31.ccls. and phaser) not (123/90.17.ccls. and phaser)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:34
S24	0	((123/90.15-90.18,90.27,90.31.ccls. and phaser) not (123/90.17.ccls. and phaser)) and ballizing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:35
S25	0	((123/90.15-90.18,90.27,90.31.ccls. and phaser) not (123/90.17.ccls. and phaser)) and braz$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:37
S26	0	((123/90.15-90.18,90.27,90.31.ccls. and phaser) not (123/90.17.ccls. and phaser)) and swag$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:38
S27	0	((123/90.15-90.18,90.27,90.31.ccls. and phaser) not (123/90.17.ccls. and phaser)) and pressing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:40
S28	1	((123/90.15-90.18,90.27,90.31.ccls. and phaser) not (123/90.17.ccls. and phaser)) and machining with (cam$1shaft or rotor or shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:41
S29	2	123/90.15-90.18,90.27,90.31.ccls. and ballizing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:36
S30	20	123/90.15-90.18,90.27,90.31.ccls. and braz$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:37
S31	19	123/90.15-90.18,90.27,90.31.ccls. and swag$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:38
S32	252	123/90.15-90.18,90.27,90.31.ccls. and pressing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:40
S33	3	123/90.15-90.18,90.27,90.31.ccls. and pressing near3 cam$1shaft	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/03/31 18:41
S34	93	123/90.15-90.18,90.27,90.31.ccls. and machining with (cam$1shaft or rotor or shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 12:01

S35	6	123/90.17.ccls. and (cam$1shaft or shaft or rotor or housing or hub) with ((without or no) near2 bolt)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 12:02
S36	1868	123/90.15-90.18,90.27,90.31.ccls. and (phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/05 18:16
S37	44	(123/90.15-90.18,90.27,90.31.ccls. and (phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)) and manufactur$3 near3 (rotor or shaft or camshaft or cam$1shaft or hub or hous$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 12:00
S38	4	(123/90.15-90.18,90.27,90.31.ccls. and (phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)) and (cam$1shaft or shaft or rotor or housing or hub) with ((without or no) near2 bolt)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 12:04
S39	3	(123/90.15-90.18,90.27,90.31.ccls. and (phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)) and (cam$1shaft or shaft or rotor or housing or hub) with ((without or no) near2 fasten$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 12:04
S40	819	(phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT) near3 machin$3	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:06
S41	12	(123/90.15-90.18,90.27,90.31.ccls. and (phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)) and ((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT) near3 machin$3)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 12:09
S42	0	"6405696".URPN.	USPAT	OR	ON	2004/04/01 12:19
S43	6	("5588404" | "5870983" | "5875751" | "5970930" | "6089198" | "6116200").PN.	USPAT	OR	ON	2004/04/01 12:19
S44	0	white-david-c$.in. and (irreversibly or permanently) near2 (rotor or shaft or cam$1shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:36
S45	0	mott-philip-$.in. and (irreversibly or permanently) near2 (rotor or shaft or cam$1shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:34

S46	0	mott-philip-$.in. and brazing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:34
S47	5	mott-philip-$.in. and pressing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:35
S48	0	mott-philip-$.in. and swaging	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:35
S49	0	mott-philip-$.in. and ballizing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:35
S50	1	mott-philip-$.in. and machining	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:36
S51	0	mott-philip-$.in. and soldering	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:36
S52	0	white-david-c$.in. and brazing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:36
S53	0	white-david-c$.in. and swaging	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:36
S54	1	white-david-c$.in. and pressing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:37
S55	0	white-david-c$.in. and ballizing	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:37
S56	0	white-david-c$.in. and machining	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:37
S57	0	white-david-c$.in. and soldering	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:37

S58	314	(phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT) same (machin$3 or swag$3 or braz$3 or pressing or pressed or solder$3 or balliz$3) near3 (flange or hub or shaft or cam$1shaft or rotor or housing)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:44
S59	5315	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 13:45
S60	44	((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT) same (machin$3 or swag$3 or braz$3 or pressing or pressed or solder$3 or balliz$3) near3 (flange or hub or shaft or cam$1shaft or rotor or housing)) and 123/90.15-90.18,90.27,90.31. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 14:11
S61	8	((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT) same (machin$3 or swag$3 or braz$3 or pressing or pressed or solder$3 or balliz$3) near3 (flange or hub or shaft or cam$1shaft or rotor or housing)) and "29"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:43
S62	18	((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT) same (machin$3 or swag$3 or braz$3 or pressing or pressed or solder$3 or balliz$3) near3 (flange or hub or shaft or cam$1shaft or rotor or housing)) and "74"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:46
S63	4	((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT) same (machin$3 or swag$3 or braz$3 or pressing or pressed or solder$3 or balliz$3) near3 (flange or hub or shaft or cam$1shaft or rotor or housing)) and "92"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 14:19
S64	16	"4953531"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 14:55
S65	63	"5002023"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:05

S66	15	"6247434"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:07
S67	18	"6250265"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:08
S68	11	"6263846"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:09
S69	16	"6311655"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:35
S70	4287	rotor near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:51
S71	7	123/90.15-90.18,90.27,90.31.ccls. and (rotor near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:52
S72	153	(rotor near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:53
S73	107	(rotor near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:55
S74	11	(rotor near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "92"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:58

S75	3570	hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:59
S76	2	123/90.15-90.18,90.27,90.31.ccls. and (hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:00
S77	119	(hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:00
S78	119	((hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.) not 123/90.15-90.18, 90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:53
S79	153	(hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:00
S80	149	((hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.) not (((hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.) not 123/90.15-90.18, 90.27,90.31.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:56

S81	148	(((hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.) not (((hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.) not 123/90.15-90.18, 90.27,90.31.ccls.)) not 123/90. 15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 15:56
S82	9	(hub near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "92"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:01
S83	549	impeller near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:01
S84	0	123/90.15-90.18,90.27,90.31.ccls. and (impeller near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:02
S85	14	(impeller near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:03
S86	8	(impeller near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:03

S87	0	(impeller near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "92"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:08
S88	524	vane near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:11
S89	5	123/90.15-90.18,90.27,90.31.ccls. and (vane near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:12
S90	21	(vane near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:13
S91	2	(vane near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:14
S92	3	(vane near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "92"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:15
S93	24924	housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:18

S94	7	123/90.15-90.18,90.27,90.31.ccls. and (housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:19
S95	1	(123/90.15-90.18,90.27,90.31.ccls. and (housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4))) and "29"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:19
S96	503	(housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:20
S97	562	(housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:14
S98	148	(housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "92"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:21

S99	1176	((housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.) or ((housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.) or ((housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "92"/$.ccls.)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:15
S10 0	37	(((housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.) or ((housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.) or ((housing near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "92"/$.ccls.)) and (phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:16
S10 1	687	boss near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:18

S102	2	123/90.15-90.18,90.27,90.31.ccls. and (boss near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:19
S103	22	(boss near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "29"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:19
S104	31	(boss near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "74"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:20
S105	3	(boss near2 (secur$3 or connect$3 or attach$3 or affix$3 or fix$3) with (irreversibl$1 or non$1reversibl$1 or permanent$2 or remov$4 or non$1remov$4 or unremov$4 or nonmov$4 or non$1rotat$4)) and "92"/$.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/01 16:21
S106	5328	123/90.15-90.18,90.27,90.31.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:02
S107	126	123/56.1,56.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:02
S108	4059	74/20,21,25,99R,101-108.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:03
S109	1096	72/21.6,31.04,31.06,31.1,367.1, 369,370.1,370.11-370.13.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:03
S110	938	29/700,724,725,243.526.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:04

S11 1	91441	(phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:07
S11 2	1874	123/90.15-90.18,90.27,90.31.ccls. and ((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT))	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:07
S11 3	0	(123/90.15-90.18,90.27,90.31.ccls. and ((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT))) and 123/56. 1,56.2.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:07
S11 4	0	(123/90.15-90.18,90.27,90.31.ccls. and ((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT))) and 74/20, 21,25,99R,101-108.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:07
S11 5	0	(123/90.15-90.18,90.27,90.31.ccls. and ((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT))) and 72/21.6, 31.04,31.06,31.1,367.1,369,370.1, 370.11-370.13.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:07
S11 6	0	(123/90.15-90.18,90.27,90.31.ccls. and ((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT))) and 29/700, 724,725,243.526.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:07
S11 7	0	(123/90.15-90.18,90.27,90.31.ccls. and ((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT))) and 29/dig.3, dig.4,dig.26,dig.43.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:08
S11 8	1	((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)) and 29/dig.3,dig.4, dig.26,dig.43.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:08
S11 9	5	((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)) and 29/700,724,725, 243.526.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:09
S12 0	8	((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)) and 72/21.6,31.04,31. 06,31.1,367.1,369,370.1,370. 11-370.13.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:10
S12 1	17	((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)) and 74/20,21,25,99R, 101-108.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:10

S12 2	2	((phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)) and 123/56.1,56.2. ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:10
S12 3	371	29/dig.3,dig.4,dig.26,dig.43.ccls.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/13 14:42
S12 4	3	ep-473061-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/14 11:12
S12 5	1	dd-294317-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/14 11:30
S12 6	0	gb-1295988-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/14 11:31
S12 7	0	gb-01295988-$.did.	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/14 11:31
S12 8	21	"3999277"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/14 12:10
S12 9	15	"4445265"	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/14 12:10
S13 0	9	("0303317" | "1390949" | "2006738" | "2817248" | "2892254" | "2899742" | "3216095" | "3724059" | "3831261").PN.	USPAT	OR	ON	2004/04/14 12:12
S13 1	16	"4922785".URPN.	USPAT	OR	ON	2004/04/14 12:13
S13 2	13	("1390949" | "3869938" | "3999277" | "4265388" | "4293995" | "4382390" | "4421137" | "4538337" | "4575913" | "4597365" | "4660269" | "4750250" | "4781076").PN.	USPAT	OR	ON	2004/04/14 12:16
S13 3	0	"5343618".URPN.	USPAT	OR	ON	2004/04/14 12:18
S13 4	0	"5343618".URPN.	USPAT	OR	ON	2004/04/14 12:18

S13 5	23	("2364109" | "2730912" | "3296886" | "3309941" | "3999277" | "4046028" | "4342236" | "4554893" | "4597365" | "4622864" | "4708029" | "4763503" | "4809562" | "4835832" | "4838116" | "4841627" | "4875270" | "4922785" | "4993282" | "5067369" | "5081884" | "5085099" | "5088345").PN.	USPAT	OR	ON	2004/04/14 12:19
S13 6	1	"5992265".URPN.	USPAT	OR	ON	2004/04/14 12:20
S13 7	13	("3689986" | "3999277" | "4832107" | "4838217" | "4927688" | "5307708" | "5573057" | "5724860" | "5737975" | "5738052" | "5778737" | "5778841" | "5797180").PN.	USPAT	OR	ON	2004/04/14 12:20
S13 8	3	(US-4922785-$ or US-5343618-$ or US-5992265-$).did.	USPAT	OR	OFF	2004/04/15 13:37
S13 9	3	((US-4922785-$ or US-5343618-$ or US-5992265-$).did.) and (phaser or adjust$4 or rotor or hub or timing or gear or boss)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/04/15 14:21
S14 0	2029	123/90.15-90.18,90.27,90.31.ccls. and (phaser or adjuster or (variable near2 (valve or timing)) or VVT or VTC or VCT)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/05 18:19
S14 1	208	S140 and rotor near3 (shaft or camshaft or cam$1shaft)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/05 18:20
S14 2	75	S141 and (rotor near3 (shaft or camshaft or cam$1shaft)) with (form$3 or forg$3 or machined or machining)	US-PGPUB; USPAT; EPO; JPO; DERWENT	OR	ON	2004/10/05 18:23